

Title (en)

CORRUGATED THERMOPLASTIC BLANK FOR A CONTAINER.

Title (de)

GEWELLTER THERMOPLASTISCHER ZUSCHNITT FÜR EINEN BEHÄLTER.

Title (fr)

EBAUCHE THERMOPLASTIQUE ONDULEE DE RECIPIENT.

Publication

EP 0650440 A1 19950503 (EN)

Application

EP 93916098 A 19930716

Priority

- GB 9215103 A 19920716
- GB 9301505 W 19930716

Abstract (en)

[origin: US5597111A] PCT No. PCT/GB93/01505 Sec. 371 Date Mar. 20, 1995 Sec. 102(e) Date Mar. 20, 1995 PCT Filed Jul. 16, 1993 PCT Pub. No. WO94/02364 PCT Pub. Date Feb. 3, 1994 This invention relates to a corrugated thermoplastic blank for a container. The blank (20) has a base panel (24) with wall panels (26, 28, 30, 32) connected to the base panel (24) by fold lines (38). The fold lines (38) comprise weld lines which destroy the original memory of the thermoplastic material. The free edges of the blank are sealed by seals (38) which prevent water from entering the blank. The sealed free edges and/or the weld lines or line (38) surround and reinforce each panel (26, 28, 30, 32) and increase the strength of each panel and thereby the strength of a container erected from the blank.

IPC 1-7

B65D 5/20; **B65D 81/26**

IPC 8 full level

B29C 53/06 (2006.01); **B29C 67/00** (2006.01); **B65D 5/00** (2006.01); **B65D 65/40** (2006.01); **B29C 37/00** (2006.01)

CPC (source: EP US)

B29C 53/06 (2013.01 - EP US); **B29C 67/0044** (2013.01 - EP US); **B65D 5/0025** (2013.01 - EP US); **B65D 5/0075** (2013.01 - EP US); **B65D 65/403** (2013.01 - EP US); **B29C 37/0057** (2013.01 - EP US); **B29C 2793/0045** (2013.01 - EP US); **B29K 2023/12** (2013.01 - EP US); **B29L 2024/006** (2013.01 - EP US); **B65D 2301/20** (2013.01 - EP US); **Y10S 229/919** (2013.01 - EP US); **Y10S 229/939** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9402364 A1 19940203; AT E145607 T1 19961215; AU 4579093 A 19940214; DE 69306258 D1 19970109; DE 69306258 T2 19970619; EP 0650440 A1 19950503; EP 0650440 B1 19961127; ES 2097526 T3 19970401; GB 9215103 D0 19920826; US 5597111 A 19970128; ZA 935157 B 19940107

DOCDB simple family (application)

GB 9301505 W 19930716; AT 93916098 T 19930716; AU 4579093 A 19930716; DE 69306258 T 19930716; EP 93916098 A 19930716; ES 93916098 T 19930716; GB 9215103 A 19920716; US 37461395 A 19950520; ZA 935157 A 19930716